

# MATERIAL SAFETY DATA SHEET

## PRODUCT/TRADE NAME:

### Crop Oil Concentrate 1915

#### I. NAME

PRODUCT/TRADE NAME: Crop Oil Concentrate 1915  
EPA REGISTRATION #: None

CHEMICAL NAME/COMMON NAME:  
Petroleum Distillates/Petroleum Distillates  
Nonionic Surfactant/Nonionic Surfactant

#### II. HAZARDOUS INGREDIENTS

	CAS#	OSHA PEL	ACGIH TLV
Petroleum Distillates	64742-54-7	5 mg/m <sup>3</sup> (mist)	5 mg/m <sup>3</sup> (mist)
Nonionic Surfactant	Mixture	NE	NE

#### III. PHYSICAL DATA

SPECIFIC GRAVITY (H<sub>2</sub>O = 1): .87  
MELTING POINT: NE  
VAPOR DENSITY (AIR = 1): >12  
% VOLATILES BY VOL.: NE  
ODOR: Hydrocarbon  
APPEARANCE: Light Liquid  
FLASH POINT/METHOD: 171 Deg. F TCC  
VAPOR PRESSURE (mmHg): <.01 @ 20 Deg. C  
SOLUBILITY IN H<sub>2</sub>O: Insoluble

#### IV. FIRE & EXPLOSION HAZARD

EXTINGUISHING MEDIA:  Water Fog  Foam  Alcohol Foam  
 CO<sub>2</sub>  Dry Chemical  Other  
FIRE FIGHTING PRECAUTIONS & HAZARDS:  
Fight fire upwind. Wear positive pressure self-contained breathing apparatus and full protective equipment. Avoid breathing vapors and spray mist. Avoid fallout and runoff. Dike to prevent entering drains, sewers, or water courses. Evacuate people downwind from fire.

#### V. CARCINOGEN STATUS

OSHA  NTP  IARC  No Listing Type

#### VI. REACTIVITY

Stable  HAZARDOUS POLYMERIZATION  
 Unstable  May Occur  Will Not Occur  
AVOID: Oxidants, liquid chlorine, concentrated O<sub>2</sub>

HAZARDOUS DECOMPOSITION PRODUCTS: CO<sub>x</sub>

#### VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL: Wear appropriate respiratory and personal protective equipment. Absorb with inert material and vacuum or sweep into an approved disposal container.

DECONTAMINATION: Treat spill area with detergent and water. Absorb with inert material and place in approved disposal containers. Repeat as necessary until area is clean.

ENVIRONMENTAL HAZARDS: Dike to prevent entering drains, sewers or water courses.

DISPOSAL: Place in DOT-approved disposal containers and dispose of in an EPA Class I disposal site.

#### VIII. HEALTH PRECAUTION DATA

INGESTION: Do not ingest. Wash thoroughly before eating, drinking or smoking. Do not store near food or feed.

INHALATION: Mist carries PEL/TLV 5 mg/m<sup>3</sup>. Wear appropriate respiratory protection for exposures above the PEL/TLV.

SKIN ABSORPTION: Can cause mild skin irritation or dermatitis after prolonged contact. Wear proper personal protective equipment to reduce exposure.

EYE EXPOSURE: May be mildly irritating to the eyes. Wear proper eye protection to reduce splash exposure. If exposed, flush eyes for a minimum of 15 minutes with water.

EFFECTS OF OVEREXPOSURE: Ingestion may cause nausea, throat irritation, central nervous system depression and narcosis. May cause skin irritation and

dermatitis. No known chronic effects. Preexisting medical conditions involving the above symptoms may be aggravated by exposure.

FIRST AID: In all cases, get prompt medical attention. If swallowed, do not induce vomiting. For skin contact, remove contaminated clothing and wash with soap and water. For eye exposure, flush eyes with water for a minimum of 15 minutes. If inhaled, remove victim to fresh air, and administer CPR if necessary.

#### IX. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Use NIOSH/MSHA - approved respirator for organic vapors for the exposures up to 10 times the PEL/TLV. Positive pressure self-contained breathing apparatus should be used for confined space entry and exposures above 10 times the PEL/TLV.

PERSONAL PROTECTIVE EQUIPMENT: None normally required for this product. Recommend chemical goggles to protect against splashes, rubber or neoprene gloves, and an oil-impervious apron if conditions dictate.

VENTILATION: Local exhaust ventilation of at least 60 fpm.

#### X. SPECIAL PRECAUTIONS

Keep out of the reach of children. Read and follow all label instructions. Store in tightly closed containers. Keep away from open flame, heat or ignition sources.

#### XI. REGULATORY DATA

SARA HAZARD CLASS:  Acute  Chronic  Flammable  
 Pressure  Reactive  None

SARA 313:  Yes  No Chemical:

SARA 302:  Yes  No Chemical:

TPQ:

CERCLA:  Yes  No Chemical:

RQ:

RCRA:  Yes  No

NFPA HAZARD RATING: NFPH HAZARD RATING SCALE:

Health: [2]	0 = Minimal	3 = Serious
Fire: [2]	1 = Slight	4 = Severe
Reactivity: [0]	2 = Moderate	
Special: [ ]		

HMIS CODES: HMIS HAZARD RATING SCALE:

Health: [2]	0 = Minimal	3 = Serious
Fire: [2]	1 = Slight	4 = Severe
Reactivity: [0]	2 = Moderate	

DATE PREPARED: May 9, 2007

REVISED DATE:

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\*Technical Material NE - Not Established NA - Not Applicable

#### 24 Hour Emergency Phone Number

CHEMTREC: (800) 424-9300

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